

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	1271	L19 and @ad<"20031106"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 18:19
L19	1604	(600/562,565-567,571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 18:19
L18	2	("3753432").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 17:49
L17	2	("4,549,554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 15:41
L16	2	("6,589,209").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 15:41
L15	2	("6,217,556").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 15:41
L14	2	("6,589,209").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 15:36
S20 8	920	S207 not S206	USPAT	OR	ON	2007/06/13 12:23
S20 7	971	((channel needle) near (inside within) near (hub shield connector adapter cavity reservoir chamber syringe))	USPAT	OR	ON	2007/06/13 12:22

## EAST Search History

S20 6	51	S204 and ((channel needle) near (inside within) near (hub shield connector adapter cavity reservoir chamber))	USPAT	OR	ON	2007/06/13 12:22
S20 5	3386	S204 and ((channel needle) (inside within) near (hub shield connector adapter cavity reservoir chamber))	USPAT	OR	ON	2007/06/13 12:18
S20 4	3938	((specimen sample) same (cavity reservoir chamber)) same (needle syringe)	USPAT	OR	ON	2007/06/13 12:16
S20 3	117	((specimen sample) same (cavity reservoir chamber)) same(channel needle) same passageway same (needle syringe)	USPAT	OR	ON	2007/06/13 12:16
S20 2	9	((specimen sample) near (cavity reservoir chamber)) same(channel needle) same passageway same (needle syringe)	USPAT	OR	ON	2007/06/13 12:07
S20 1	3	((specimen sample) near (cavity reservoir chamber)) same(channel needle) same passageway same drop\$4	USPAT	OR	ON	2007/06/13 12:06
S20 0	0	(tissue near (cavity reservoir chamber)) same(channel needle) same passageway same drop\$4	USPAT	OR	ON	2007/06/13 11:47
S19 9	19	(tissue near (cavity reservoir chamber)) same(channel needle) same (vacuum gravity)	USPAT	OR	ON	2007/06/13 11:46
S19 8	7	(tissue near (cavity reservoir chamber)) same ((hook\$2 curv\$3 ) near (channel needle))	USPAT	OR	ON	2007/06/13 11:45
S19 6	21	("3330268").URPN.	USPAT	OR	ON	2007/06/13 11:41
S19 7	41	("1668315"   "3000805"   "3224434"   "3270767"   "3382865"   "3470867"   "3706305"   "3736932"   "3833000"   "3889657"   "3889682"   "3965889"   "3976529"   "3977403"   "4008718"   "4083706"   "4137917").PN. OR ("4366822").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 10:50
S19 5	4	("3381686").URPN.	USPAT	OR	ON	2007/06/13 10:22
S19 4	13	("3577980"   "3753432"   "4890627"   "4900310").PN. OR ("5052403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 10:13

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S19 3	35	("2437408"   "2473733"   "2847995"   "3013557"   "3090383"   "3381686"   "3459183"   "3520292"   "3613663").PN. OR ("3753432"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 10:08
S19 2	18	("0950822"   "1331271"   "2840075"   "2855927"   "3330268"   "3734095"   "3753432"   "4186750").PN. OR ("4534763"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 09:56
S19 1	2	("2840075").URPN.	USPAT	OR	ON	2007/06/13 09:52
S19 0	5	("2840075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 09:51
S18 9	821	(syringe) same (sampl\$3 near(cavity chamber reservoir))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:06
S18 8	0	(syringe near head) same (sampl\$3 near(cavity chamber reservoir))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:06
S18 7	173	(drip near (cavity reservoir chamber barrel)) same syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:05
S18 6	4	(drip near (cavity reservoir chamber barrel)) same (back near flow) same syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:01
S18 5	0	(drip near (cavity reservoir chamber barrel)) same ((channel port)) same (back near flow) same syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:00

## EAST Search History

S18 4	3	(cavity reservoir chamber barrel) same (sampl\$3 near (channel port)) same (back near flow) same bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:59
S17 9	3	(cavity reservoir chamber barrel) same (sampl\$3 near (channel port)) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:58
S18 3	526	S181 not S182	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:46
S18 2	15	S181 and biopsy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:46
S18 1	541	(cavity reservoir chamber barrel) same (sampl\$3) same ((back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:45
S18 0	202	(cavity reservoir chamber barrel) same (sampl\$3) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:44
S17 8	173	(cavity reservoir chamber barrel) same (flow near (channel port)) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:39
S17 7	4524	(cavity reservoir chamber barrel) same (channel port) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:35

## EAST Search History

S17 6	3	(cavity reservoir chamber barrel) same (needle near port) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:35
S17 5	30	(cavity reservoir chamber barrel) same (dip near tube) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:34
S17 4	58	(cavity reservoir chamber barrel) same (fill\$3 near tube) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:32
S16 4	12160	(cavity reservoir chamber barrel) same (prevent\$3 same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:30
S17 3	28	("0788176"   "3189031"   "3228894"   "3460975"   "3683928"   "3703174"   "3780740"   "3826256"   "3888249").PN. OR ("4182342"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 17:28
S17 2	7	("788176").URPN.	USPAT	OR	ON	2007/06/12 17:27
S17 1	46	("0523345"   "0788176"   "1493592"   "1847954"   "2044911"   "2183482"   "2471623"   "3003500"   "3598119"   "3854477"   "4038983"   "4337770"   "4381006"   "4381591"   "4498904"   "4597754"   "4623330"   "4813926"   "4813937"   "4857059"   "4863428"   "4863429"   "4874386"   "4921487"   "4966585"   "4991742"   "4997420"   "5011477"   "5061243"   "5069668"   "5084021"   "5100389"   "5106376"   "5318539"   "5505707"   "6159188"   "6247995"   "RE35192").PN. OR ("6802823"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 17:23
S17 0	3	("2044911").URPN.	USPAT	OR	ON	2007/06/12 17:22

## EAST Search History

S16 9	0	("2044912").URPN.	USPAT	OR	ON	2007/06/12 17:21
S16 8	0	("2044912").URPN.	USPAT	OR	ON	2007/06/12 17:20
S16 7	0	("2044912").URPN.	USPAT	OR	ON	2007/06/12 17:19
S16 6	33	("3220246"   "3346486"   "3465595"   "3640822"   "3777572"   "3951855"   "3954617"   "3975946"   "4116046"   "4444066"   "4448684"   "4454749"   "4541452"   "4954149"   "4994180"   "5234587"   "5265642"   "5279647"   "5290340"   "5387395"   "5474677").PN. OR ("5607581"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 17:14
S16 5	99	(cavity reservoir chamber barrel) same (prevent\$3 same (back near flow)) same syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:10
S15 9	33560	(cavity reservoir chamber barrel) same syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:09
S16 3	19	S161 and (prevent same (back near flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:08
S16 2	51	S161 and anti\$reflux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:08
S16 1	1695	S159 and biopsy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:06

## EAST Search History

S16 0	2	S159 and (dip near channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:06
S15 8	188	specimen and collect\$3 and well and bottom and internal and opening and passage\$way and deposit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:03
S15 7	1	barrel same (dip adj needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:25
S15 6	86	(raised near needle) and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:24
S15 5	15	(dip near needle) and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:17
S15 4	457	(dip near tube) and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:16
S15 3	13	(dip near tube) and (biopsy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:04
S15 2	0	(dip near tube) and ((raised above) near(input near port))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:02

## EAST Search History

S15 1	0	(anti\$reflux) and ((raised above) near(input near port))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:02
S15 0	0	("(anti\$reflux)and((raisedabove)nea r(inputnearport)))").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:01
S14 9	2	("5,647,843").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 15:51
S14 8	153	(anti near reflux) same (well cavity reservoir chamber)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:51
S14 7	8	(specimen near well) same (bottom floor) same deposit\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:49
S14 6	0	(specimen near collect\$3 near well) same (bottom floor) same deposit\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:48
S14 5	0	(specimen near collect\$3 near well) same bottom same deposit\$3 same above	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:48
S14 4	0	(specimen near collect\$3 near well) same floor same deposit\$3 same above	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:48
S13 3	149	(needle near extension) same (passage\$way cell near collection collection near chamber chamber reservoir)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:46
S14 3	33	("20050101879") or ("4927605") or ("20060089567") or ("5432098") or ("3817240") or ("4116227") or ("4191054") or ("4340067") or ("4572210") or ("5076283") or ("5607860") or ("5652143") or ("5020665").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 15:25
S14 2	62	("3270767"   "3918450"   "3977403").PN. OR ("4187848"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 15:25

## EAST Search History

S14 1	198	(syringe near (adapter connector)) same (cavity reservoir chamber)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:53
S14 0	15	("0989503"   "2758598"   "2775240"   "2969063"   "3003500"   "3112939"   "3645262").PN. OR ("3865107").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:53
S13 9	53	("0361910"   "0420195"   "1105681"   "1238390"   "1285079"   "2079435"   "2208089"   "3645262"   "3865107"   "3911920").PN. OR ("4323067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:46
S13 8	12	("3661717"   "3749646"   "3814585"   "3918908"   "4604894"   "5039617"   "5047211"   "5089422").PN. OR ("5432084"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:44
S13 7	103	S136 not (S130 or S134)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:42
S13 6	361	syringe same (collection near (reservoir chamber cavity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:42
S13 5	5	("2646798").URPN.	USPAT	OR	ON	2007/06/12 14:35
S13 4	148	S133 not S130	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:34
S13 2	7	("20030032896"   "5827174"   "6027443"   "6164280"   "6527703"   "6610005"   "6623422").PN. OR ("6838278").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:32
S13 1	3	("5288415").PN. OR ("5827174"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:16
S13 0	574	((needle syringe) same(collection near chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:09

## EAST Search History

S12 9	36	((needle syringe) near (shield hub) and (collection near chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:07
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